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STATISTICAL PACKAGE FOR THE SOCIAL SCIENCE
(SPSS/W)

PICHATE SIRIRATANAPAISALKUL : COMPUTER ASSISTED
LEARNING: SPSS FOR WINDOWS ON INTERNET. THESIS ADVISORS :
WORAWIT ISARANGKUL M.S., RUNGROTE POOMRIEW Ph.D., DUSIT
SUJIRARAT M.S., RUNGROTE PHOMKAM M.S. 207P. ISBN 974-663-843-2

SPSS/W is a program that is popular in many academic fields. It is important in analytical data in areas such as social, medical and public health. Due to the domain attribute of management related with the performance database, high delicate graphics and basic to advance statistics are advantages of the SPSS/W. Different options can be obtained using this system's various methods concerning analysis of information and interpretation of results. The users must understand the concepts of each method to achieve the results. Computer Assisted Learning (CAL) may be a valuable tool to train students to use SPSS/W. This study aimed to develop and evaluate a new CAL program on internet and to survey students' opinions about using this CAL program. A CAL evaluation study was performed, by using pre-test post-test design, on 25 master degree students. They had all studied SPSS/W previously. Macromedia Dreamweaver version 2.01 was used to construct the CAL program used in this study.

The results showed a significant difference between pre-test and post-test scores at 0.05 significant level ($p < 0.05$). Most students found that the topics were clear, the subheadings were sufficient, the coverage of contents was excellent, and the pictures were suitable. They also thought the lettered icons were easy to understand, and the system was easy to read. They were only moderately pleased with the use of background color; however, they were not satisfied with the use of sounds. In general, they found that overall the program is useful.